JVC

INSTRUCTION MANUAL

LX-D700U/E/EK

LCD DATA PROJECTOR

Thank you for purchasing the LX-D700U/E/EK projector.

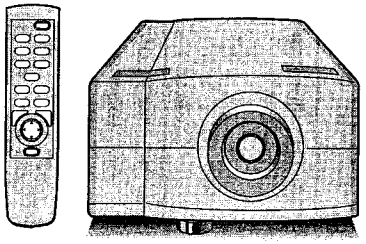
- Before installing and operating the unit, read this instruction manual carefully for proper operation, and retain this manual for your future reference along with a warranty card.
- A serial number is important for product quality control. When you purchase the unit, check if the serial number is properly marked on the rear of the unit and if the number matches with that described on the warranty card.

Notes concerning this manual:

(1) Transfer of the contents in this manual to other literature without our prior approval is strictly prohibited.

(2) The contents of this manual, the specifications and external appearance of this unit are subject to change without notice.

(3) Illustrations used in this manual may slightly differ from the actual configuration of this unit.



JVC

VICTOR COMPANY OF JAPAN, LIMITED

Printed in Japan
0607YMPS/VP

BHU30004-015

Thank you for purchasing this projector. Before using it, read and follow all instructions carefully to take full advantage of the projector's capabilities.

SAFETY PRECAUTIONS

IMPORTANT INFORMATION

WARNING:

TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

WARNING:

THIS APPARATUS MUST BE EARTHED.

CAUTION:

To reduce the risk of electric shock, do not remove cover.
Refer servicing to qualified service personnel.

MACHINE NOISE INFORMATION (Germany only)

ChangesMachine Noise Information Ordinance 3.
GSGV, January 18, 1991: The sound pressure level at the operator position is equal or less than 70 dB (A) according to ISO 7779.

FCC INFORMATION (U.S.A. only)

CAUTION: Changes or modification not approved by party could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Declaration of conformity

Model Number:	LX-D700U
Trade Name:	JVC
Responsible party:	PSEL Dept. U.S. JVC Corp.
Address:	41 Slater Drive, Elmwood Park, N.J. 07407
Telephon Number:	(201)794-3900

This device complies with Part 15 of the FCC Rules.
Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT SAFEGUARDS

Electrical energy can perform many useful functions. This unit has been engineered and manufactured to assure your personal safety. But **IMPROPER USE CAN RESULT IN POTENTIAL ELECTRICAL SHOCK OR FIRE HAZARD**. In order not to defeat the safeguards incorporated into this product, observe the following basic rules for its installation, use and service. Please read these "Important Safeguards" carefully before use.

- All the safety and operating instructions should be read before the product is operated.
- The safety and operating instructions should be retained for future reference.
- All warnings on the product and in the operating instructions should be adhered to.
- All operating instructions should be followed.
- Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- Do not use attachments not recommended by the product manufacturer as they may be hazardous.
- Do not use this product near water. Do not use immediately after moving from a low temperature to high temperature, as this causes condensation, which may result in fire, electric shock, or other hazards.
- Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. The product should be mounted according to the manufacturer's instructions, and should use a mount recommended by the manufacturer.
- When the product is used on a cart, care should be taken to avoid quick stops, excessive force, and uneven surfaces which may cause the product and cart to overturn, damaging equipment or causing possible injury to the operator.

- Slots and openings in the cabinet are provided for ventilation. These ensure reliable operation of the product and protect it from overheating. These openings must not be blocked or covered. (The openings should never be blocked by placing the product on bed, sofa, rug, or similar surface. It should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided and the manufacturer's instructions have been adhered to.)

  For proper ventilation, separate the product from other equipment, which may prevent ventilation and keep distance more than 10 cm.

- This product should be operated only with the type of power source indicated on the label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.
- This product is equipped with a three-wire plug. This plug will fit only into a grounded power outlet. If you are unable to insert the plug into the outlet, contact your electrician to install the proper outlet. Do not defeat the safety purpose of the grounded plug.
- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Pay particular attention to cords at doors, plugs, receptacles, and the point where they exit from the product.
- For added protection of this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the cable system. This will prevent damage to the product due to lightning and power line surges.
- Do not overload wall outlets, extension cords, or convenience receptacles on other equipment as this can result in a risk of fire or electric shock.
- Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
- Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltages and other hazards. Refer all service to qualified service personnel.
- Unplug this product from the wall outlet and refer service to qualified service personnel under the following conditions:

  a) When the power supply cord or plug is damaged.

  b) If liquid has been spilled, or objects have fallen on the product.

  c) If the product has been exposed to rain or water.

  d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the Operation Manual, as an improper adjustment of controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.

  e) If the product has been dropped or damaged in any way.

  f) When the product exhibits a distinct change in performance—this indicates a need for service.
- When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or with same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
- Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
- The product should be placed more than one foot away from heat sources such as radiators, heat registers, stoves, and other products (including amplifiers) that produce heat.
- When connecting other products such as VCR's, and personal computers, you should turn off the power of this product for protection against electric shock.
- Do not place combustibles behind the cooling fan. For example, cloth, paper, matches, aerosol cans or gas lighters that present special hazards when over heated.
- Do not look into the projection lens while the illumination lamp is turned on. Exposure of your eyes to the strong light can result in impaired eyesight.
- Do not look into the inside of this unit through vents (ventilation holes), etc. Do not look at the illumination lamp directly by opening the cabinet while the illumination lamp is turned on. The illumination lamp also contains ultraviolet rays and the light is so powerful that your eyesight can be impaired.
- Use only the accessory cord designed for this product to prevent shock.

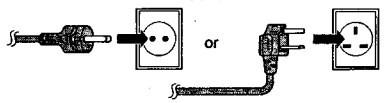
  The power supply voltage rating of this product is AC 200–240V, the power cord attached conforms to the following power supply voltage. Use only the power cord designated by our dealer to ensure Safety and EMC.

  When it is used by other power supply voltage, power cable must be changed.

  Consult your product dealer.

Power cord

LX-D700E/EK



Power supply voltage: AC 200–240V

LX-D700U

Power supply voltage: AC 100–120V

(No. PA009) 2

CONTENTS

Safety Precautions **2**
Precautions for Safe and Proper Use **6**
Names of Component Parts and Sections ... **7**
Remote Control Unit 10
Connecting **12**
Resizing Display 13
Connection to Personal Computer 15
Connection to AV Unit 17
Connecting Other Components 17
Installation **18**
Projection Distance and Screen Size 18
Adjustment on the height and tilt of the screen ... 19
Connection of Power Cord **20**
Warning Indication by Indicators 20
Light-ON and Light-OFF of Illumination Lamp **21**
Main Unit and Remote Control Unit **22**
Buttons Provided On Main Unit 22
Buttons Provided On Remote Control Unit 22
System of ON-Screen Menu **23**
Setting Method Through ON-Screen **24**
On-Screen Menu Display 24
Operation of On-screen Menu and Notes 24
[COMPUTER] Menu 25
[VIDEO] Menu 26
[AUDIO] Menu 26
[OPTION] Menu 27
[SPECIAL] Menu 28
Have Fun With Special Modes **29**
Zoom Mode 29
Preview Mode 29
Strobe Mode 29
Replacing Illumination Lamp **30**
Replacing Air Filter **31**
Troubleshooting **32**
Self-diagnosis by Indicators 32
Specifications **33**
External Dimensions 34

PRECAUTIONS FOR SAFE AND PROPER USE

Regarding Symbol Indications

Numerous symbols are employed as indication in the precautions against safety, precautions against handling, and in the indication to the products. These are designed to prevent in advance any possible infliction of injury on you and other individuals and the damage of properties through the proper use of the product. The symbols and meanings are shown below. Grasp the contents of the symbols completely before reading this manual.

WARNING This represents the contents in which the probabilities for death or serious injury are assumed if this symbol indication is ignored and the product is erroneously handled.

CAUTION This represents the contents in which the probabilities for injury to be inflicted are assumed and the contents in which material damages to be sustained are assumed if this symbol indication is ignored and the product is erroneously handled.

Examples of Symbol Indications

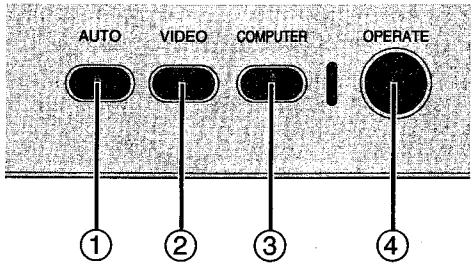
This symbol informs you of the presence of the contents that demands caution (including danger and warning). Specifically prohibited contents (caution against electric shock in case of the left symbol) are illustrated in the symbol.

This symbol informs you of prohibited actions. Specifically prohibited contents (prohibition of disassembly in case of the left symbol) are illustrated in the symbol and its vicinity.

This symbol informs you of the contents that forces you to take some action or gives you some guidelines or instructions. Specific contents of instructions (unplug the power cord from the outlet in case of the left symbol) are illustrated.

(No. PA009) 4

Names of Component Parts and Sections

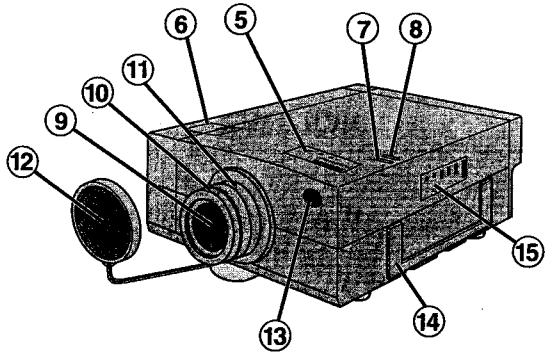


① AUTO button
② VIDEO button
③ COMPUTER button
④ OPERATE button
⑤ Left speaker
⑥ Right speaker
⑦ Operation Indicator
⑧ Lamp Indicator
⑨ Lens
⑩ Lens Focusing Ring (front)
⑪ Lens Zoom Adjusting Ring (rear)
⑫ Lens Cap
⑬ Remote Control Signal Receiver

WARNING

Do not look into the projection lens while an illumination lamp is turned on.
Exposure of your eyes to the strong light can result in impaired eyesight.

English



⑭ Handle
Lift it to carry the unit.

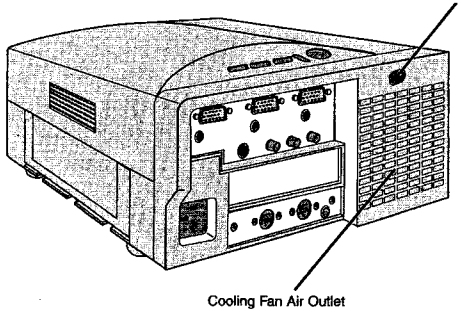
CAUTION

To carry the unit, hold this handle. Do not hold the lens section to lift the unit. Otherwise, the damage of the unit and injury can result.

⑮ Vents

CAUTION

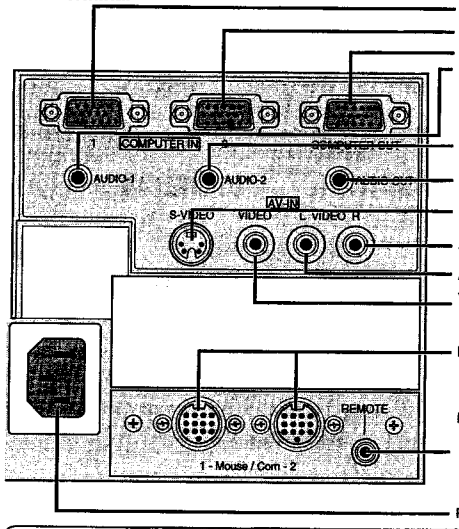
Do not insert foreign objects such as metals and inflammables into the vents. Do not block them with any obstacles. Otherwise, fire and electric shock can result.



⚠CAUTION

Hot air is blown out. Be careful as it can cause a low-temperature burn. Besides, do not insert into the vents any foreign objects such as metals and inflammables. Do not block the vents with obstacles. Otherwise, fire and electric shock can result.

Rear Terminal

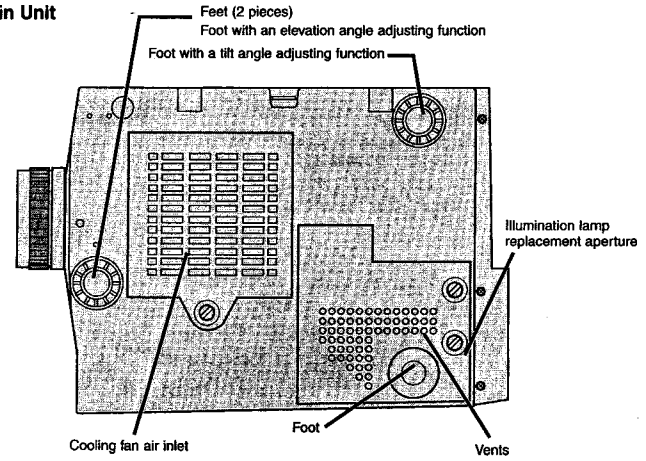


- COMPUTER IN 1 terminal
- COMPUTER IN 2 terminal
- COMPUTER OUT terminal
- AUDIO 1 terminal for COMPUTER IN 1
- AUDIO 2 terminal for COMPUTER IN 2
- AUDIO OUT terminal
- S-VIDEO input terminal
- AUDIO R terminal
- AUDIO L terminal
- VIDEO terminal
  VIDEO cannot be projected when S-VIDEO is connected.
- MOUSE/COM 1, 2
  Accessory remote control unit can be used as a substitute for the mouse by connecting it to the mouse connector of the personal computer's main unit.
- Remote Input Terminal
  This is used for connection to the main unit by providing an external signal receiver when the remote control unit cannot be used due to rear-projection, etc. The external signal receiver is not available for sale as a merchandise. Consult with JVC Service Center.
- Power Cord Connection Socket

⚠CAUTION

Use the accessory power cord. Furthermore, do not use any damaged cord. Power cord itself generates heat, resulting in fire and electric shock.

Bottom of Main Unit



⚠CAUTION

These vents suck in the air to cool this unit. If the vents are blocked with obstacles, heat generated inside can result in fire. Do not insert metals and inflammables into the vents and do not block the vents with obstacles. Moreover, the paper, cloth, soft cushion, etc., can be sucked in if they are placed near the vents. Therefore, be careful because such actions can result in mechanical failure, fire, and electric shock.

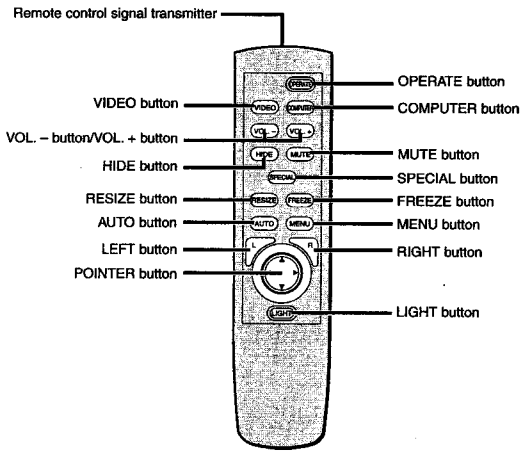
⚠CAUTION

Do not insert metals and inflammables into the vents and do not block the vents with obstacles. Otherwise, fire and electric shock can result.

[Accessories]

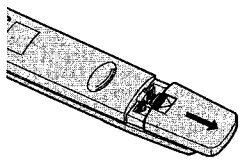
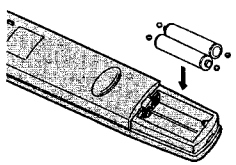
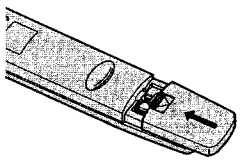
Power cord (2.5 m)	1 piece	Mouse serial cable for MAC (1.9m)	1
Remote control unit	1	Mouse serial cable for DOS/V (1.9m)	1
Lens cap	1	PC audio cable (2m)	1
Personal computer connecting cable (2 m/D-Sub 15 Pin)	1 piece	AV cable (3m)	1
Conversion adapter for MAC 13"	1	AA/R6/UM-3 batteries	2
Conversion adapter for MAC 16"	1	Instruction manual (this manual)	1
Conversion adapter for MAC 19"	1		

Remote Control Unit



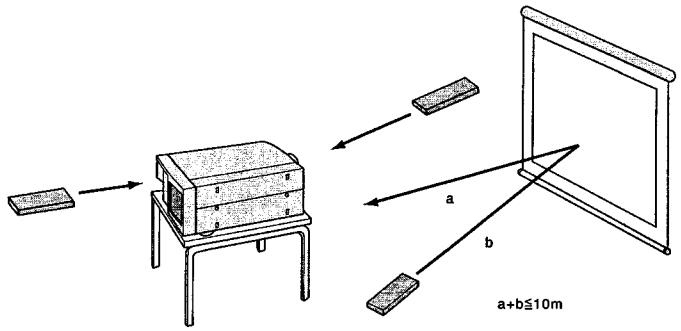
How To Load batteries

Load the batteries into the remote control unit before starting operation.
(Batteries are packed along with accessory cables.)

① Open Back Lid	② Load batteries	③ Close Back Lid
		
Open the back lid by sliding it in the arrow-indicated direction.	Load accessory batteries (AA/R6/UM-3 × 2) as indicated by + and – labels.	Close the back lid by sliding it in the arrow-indicated direction till it goes click.

Reaching Range of Remote Control Unit

To use the remote control unit, train it on the remot control signal receiver provided on the body of the unit. Straight reaching range is within 10 meters. Note, however, that when using a remote control unit that is reflected on a screen, the straight reaching range may become shorter for some types of screen.



English

⚠WARNING

When a battery used in this unit is removed, use caution so that a little child does not swallow it by mistake. Keep the batteries away from little children. If a child should swallow it, consult your medical doctor immediately.

⚠CAUTION

Your attention is invited to the following points because erroneous use of the batteries can result in liquid leak or rupture.

- Load the batteries properly as indicated by the + and – labels.
- Remove the batteries when the unit is not used for a long time.
- Do not mix up different types of batteries for use because their properties differ.
- Do not mix new batteries and used batteries for use because the service life of new batteries can be shortened and there is a fear of liquid leak from the used batteries.
- Remove the batteries as soon as they are out of service. Keeping them inside the unit can lead to liquid leak that results in the mechanical failure. If you touch the leaked liquid, your skin may be injured, and therefore be sure to wipe the liquid out immediately. Be careful.
- Depending on the storage condition, the accessory batteries can become weak in a short time. Replace them with new batteries a little earlier than usual.
- Do not throw the batteries into fire, and do not charge the batteries.

Connecting

⚠CAUTION

When you connect the television, video, computer, game machine, etc., to this unit, carefully read the instruction manuals of respective components before starting with connection. Do not forget to turn off the power of the unit before connection, and observe given instructions.
When the power cord is connected, this unit becomes powered and enters into sleep mode. Eyes can be exposed by mistake to the light of high brightness resulting in impaired eyesight when a lamp is lit by inadvertently pressing a button during connection with other components. The connection of the power cord is recommended to be performed after completing the connection with other components and the installation of this unit explained below.

The display sizes of the components to be connected are shown in the following table. If the display size is smaller than 800 x 600, the periphery of a picture becomes black. Caution must be exercised as this phenomenon adversely affects adjacent pictures when the pictures are used in a line coming close with one another vertically and horizontally by using a plural number of LCD projectors. In case of a resizing display, there is a case where the picture quality becomes more deteriorated than that of the window display due to electrical correction. Also, video signals are different in picture quality from the picture that becomes a source because the video signals undergo an electrically simplified digitization.
Connection of the unit to the S-VIDEO terminal disables the projection of a picture entered from the VIDEO IN terminal.

Compatible Resolutions

	Format	No. of pixels	Horizontal frequency (KHz)	Vertical frequency (Hz)
PC/AT DOS/V	VGA 60	640 × 480	31.469	59.9416
	VESA 72	640 × 480	37.864	72.809
	VESA 85	640 × 480	43.269	85.008
	VGAEGA	640 × 350	31.46	70.000
	SVGA56	800 × 600	35.156	56.256
	SVGA 60	800 × 600	37.879	60.317
	SVGA 72	800 × 600	48.077	72.188
	SVGA 75	800 × 600	46.875	75.000
	SVGA 85	800 × 600	53.674	85.061
	XGA 60	1024 × 768	48.363	60.004
	XGA 70	1024 × 768	56.476	70.069
	XGA 75	1024 × 768	60.023	75.029
	XGA 85	1024 × 768	68.678	84.997
MAC	MAC 13"	640 × 480	35.000	66.667
	MAC 16"	832 × 624	49.107	75.087
	MAC 19"	1024 × 768	60.241	74.927
	MAC 19"	1024 × 768	48.193	59.278
VIDEO	NTSC	640 × 480	15.374	60.000
	PAL	768 × 576	15.625	50.000
	SECAM	768 × 576	15.625	50.000

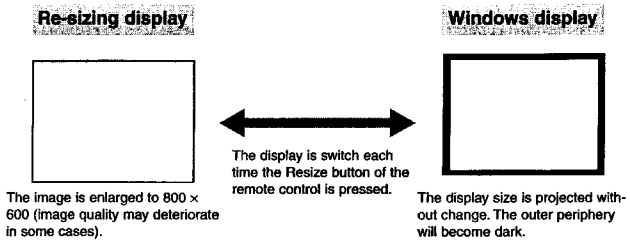
Display Format

Format	No. of pixels	Resizing display	Window display
PC 98	640 × 400	800 × 500	640 × 400
VGA 60	640 × 480	800 × 600	640 × 480
VGAEGA	640 × 350	800 × 438	640 × 350
VESA 72/75/85	640 × 480	800 × 600	640 × 480
SVGA 56/60/72/75/85	800 × 600	800 × 600	800 × 600
XGA 60/70/75	1024 × 768	800 × 600	800 × 600
MAC 13"	640 × 480	800 × 600	640 × 480
MAC 16"	832 × 624	800 × 600	800 × 600
MAC 19"	1024 × 768	800 × 600	800 × 600
TV (NTSC)	640 × 480	800 × 600	615 × 460
TV (PAL, SECAM)	768 × 576	800 × 600	720 × 540

Resizing Display

● Computer screen

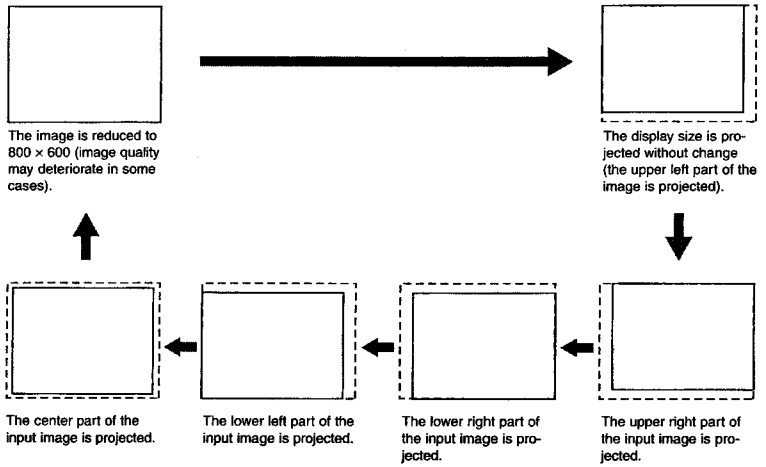
When the input display size is smaller than 800 × 600.


Re-sizing display
Windows display
The display is switch each time the Resize button of the remote control is pressed.
The image is enlarged to 800 × 600 (image quality may deteriorate in some cases).
The display size is projected without change. The outer periphery will become dark.

When the input display size is the same as 800 × 600.

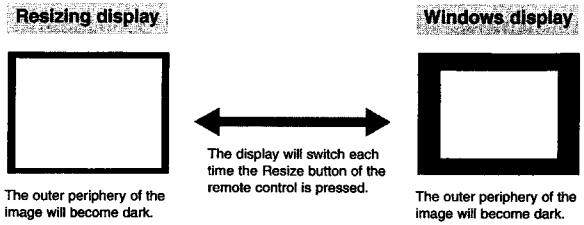
The screen display cannot be switched by pressing the Resize button of the remote control.

When the input display size is larger than 800 × 600.

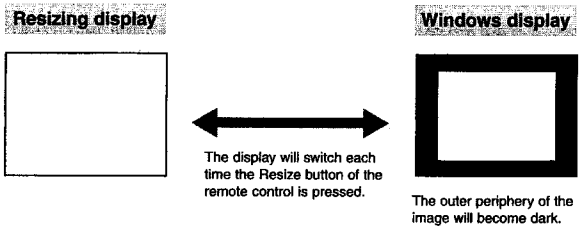

The image is reduced to 800 × 600 (image quality may deteriorate in some cases).
The display size is projected without change (the upper left part of the image is projected).
The center part of the input image is projected.
The lower left part of the input image is projected.
The lower right part of the input image is projected.
The upper right part of the input image is projected.

● Video Images

When the input signal is NTSC


Resizing display
Windows display
The display will switch each time the Resize button of the remote control is pressed.
The outer periphery of the image will become dark.
The outer periphery of the image will become dark.

When the input signal is PAL or SECAM


Resizing display
Windows display
The display will switch each time the Resize button of the remote control is pressed.
The outer periphery of the image will become dark.

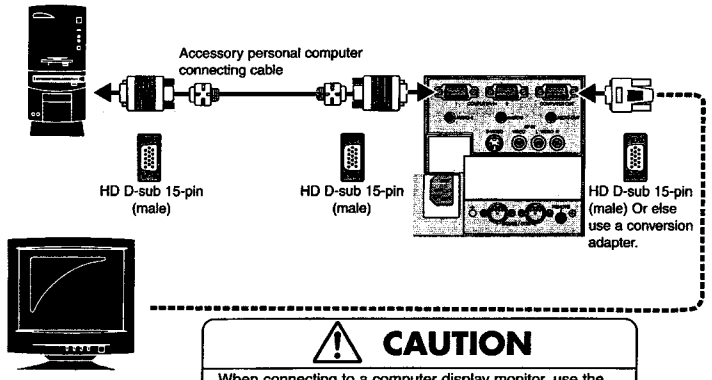
Connecting to a personal computer

Always turn off the projector and personal computer power before connecting.

● Video signal

IBM PC or compatible (DOS/V)

Use the accessory personal computer connecting cable provided.

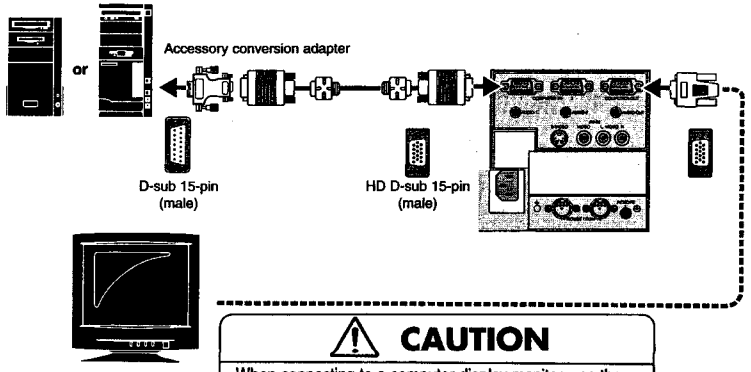

Accessory personal computer connecting cable
HD D-sub 15-pin (male)
HD D-sub 15-pin (male)
HD D-sub 15-pin (male) Or else use a conversion adapter.

⚠ CAUTION

When connecting to a computer display monitor, use the connecting cable equipped with ferrite cores to reduce and remove the high-frequency radiation.

Macintosh

Use the accessory MA13, MA16 or MA19 conversion adapter, whichever is applicable, and the accessory personal computer connecting cable.



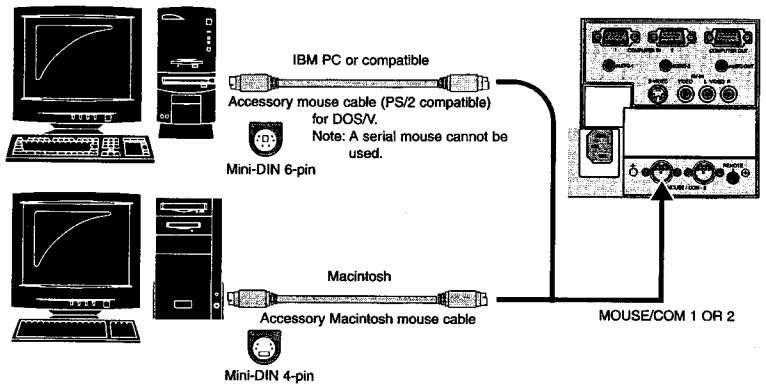
⚠ CAUTION

When connecting to a computer display monitor, use the connecting cable equipped with ferrite cores to reduce and remove the high-frequency radiation.

English

● Connecting as a mouse

Connect here when using the projector remote control as a mouse.

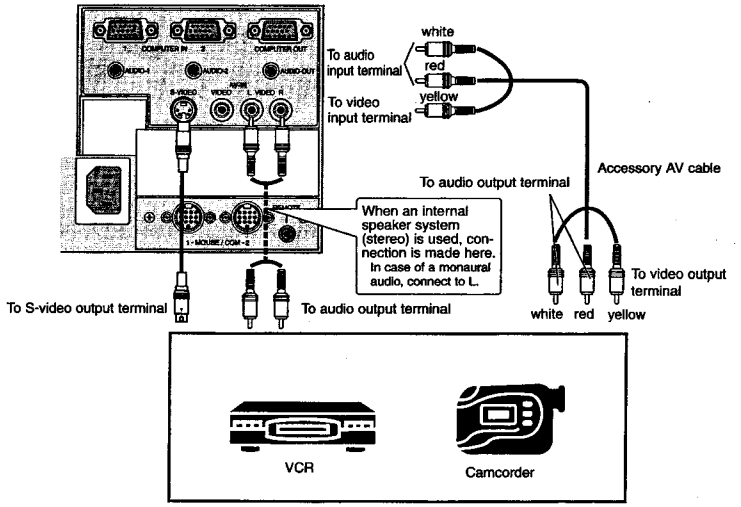


When using a connector other than the accessory mouse cable, use a commercially available adapter, etc.

Connection to AV Unit

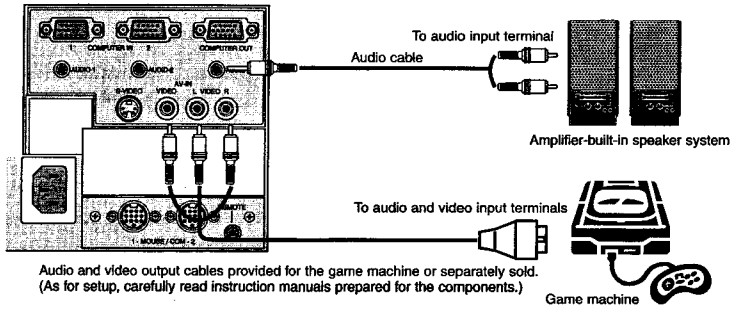
Make absolutely sure that the power cord of the projector and the AV unit are unplugged before connection.

Use the accessory AV cable. Cable for the AV unit with an S-VIDEO terminal is not provided as an accessory. When you extend the AV connecting cable, there is a case where the picture quality of the image becomes deteriorated. What is more, if a connector is connected to the S-VIDEO terminal, video signals entered into the VIDEO terminal cannot be projected.


To audio input terminal
white
red
yellow
To video input terminal
Accessory AV cable
To audio output terminal
When an internal speaker system (stereo) is used, connection is made here. In case of a monaural audio, connect to L.
To video output terminal
white red yellow
To S-video output terminal
To audio output terminal
VCR
Camcorder

Connecting Other Components

It is feasible to connect amplifier-built-in speaker systems and game machines. Cords to connect such components are not provided as accessories except the AV cable.

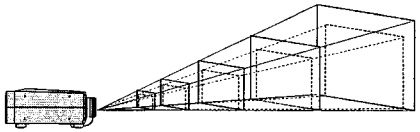

To audio input terminal
Audio cable
Amplifier-built-in speaker system
To audio and video input terminals
Audio and video output cables provided for the game machine or separately sold.
(As for setup, carefully read instruction manuals prepared for the components.)
Game machine

⚠CAUTION

When the power cord is connected, this unit becomes powered and enters into sleep mode. Eyes can be exposed by mistake to the light of high brightness resulting in impaired eyesight when a lamp is lit by inadvertently pressing a button during installation work of this unit, etc. Connection of the power cord is recommended to be performed after completing the installation of this unit and the connection of other components mentioned above.

Projection Distance and Screen Size

- The projection lens of this unit is a 1.3X manual zoom. At maximum, it is possible to project a screen size 1.3 times as large as the screen size at minimum.
- The projection distance focus ranges between 3.2 ft. /1 m and 32.1 ft. / 9.8 m. Install the projector within this range.
- If the four sides of the screen are distorted when projecting at the minimum projection distance, we recommend you to install the projector slightly backward.
- If the projector is used by hanging it from the ceiling, use the metal fittings particularly designed for the purpose. Furthermore, it is necessary to bring the projector down from the ceiling for maintenance such as lamp replacement, etc., to avoid any danger. We recommend you, therefore, to choose a suitable place under the ceiling to hang the unit, from where you can easily bring it down.
- Polarized screens cannot be used.

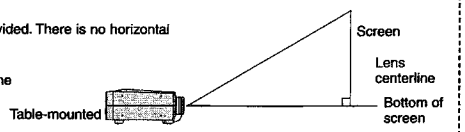


Examples of Size
30" Aspect ratio 4:3
Diagonal length 76 cm
(Length 18" /46 cm x Width 24" / 61 cm)
60" Aspect ratio 4:3
Diagonal length 152 cm
(Length 36" /91 cm x Width 48" / 122 cm)

Aspect ratio is 4:3.

Maximum size	30	39	60	79	80	90	100	103	131	140	150	183	200	300
Minimum size	23	30	45	60	63	70	77	80	100	108	115	140	155	229
Projection distance (m)	1.0	1.3	2.0	2.6	6.7	3.0	3.3	3.4	4.3	4.6	4.9	6.0	6.6	9.8

About swing
A certain amount of vertical upward swing is provided. There is no horizontal (left/right) swing.
- The amount of swing is fixed.
- The bottom of the screen should be level with the extended centerline of the lens (TELE - WIDE).



⚠CAUTION

To avoid fire hazards and mechanical failures, do not place this unit in a place exposed to:
- Water, moisture, and dust
- Vibration and abrupt impact
- Direct sunlight
- High and low temperatures: Allowable working temperature and humidity: from 42°F/5°C to 104°F/40°C (20%~80%) Allowable storage temperature and humidity: from 6°F/–10°C to 140°F/60°C (10%~90%)
- Oily smoke and cigarette smoke
- Surface of soft articles such as rugs and beddings

⚠CAUTION

When the sunlight or an illumination lamp directly lights the screen, the picture looks whitish making it difficult to see. Under the circumstances, provide a curtain, etc., to shield it.
Trapezoidal distortion caused by tilting the front of the projector upward cannot be corrected; threfore, we recommend that the projector be positioned as perpendicular as possible in relation to the screen.

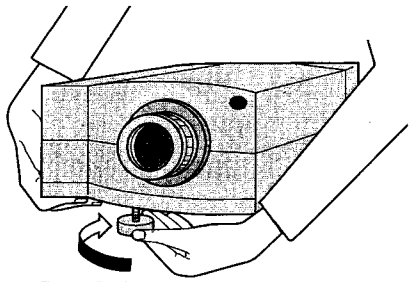
Adjustment on the height and tilt of the screen

The elevation angle and tilt angle are adjusted with the feet. Objective for this action is to adjust the height and tilt of the projection screen. Trapezoidal distortion cannot be corrected. We recommend you to enjoy the picture by making as much perpendicular projection as possible against the screen.

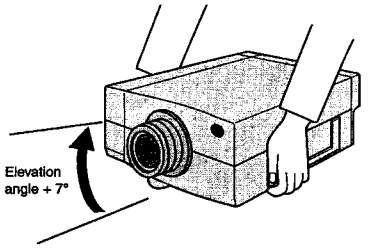
⚠CAUTION

When the feet to adjust lift and tilt angles approach the limits of adjustment, it becomes hard to turn them. Do not turn the feet forcibly. Mechanical failures must be avoided.

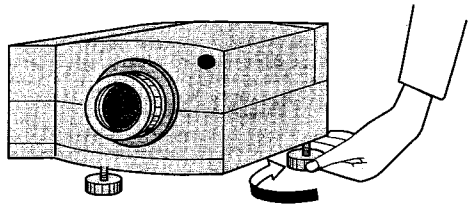
To adjust the height, turn the foot having an elevation angle adjusting function. It can be elevated up to +7°.



Turning direction



To adjust the tilt of the picture, turn the foot with a tilt angle adjusting function.



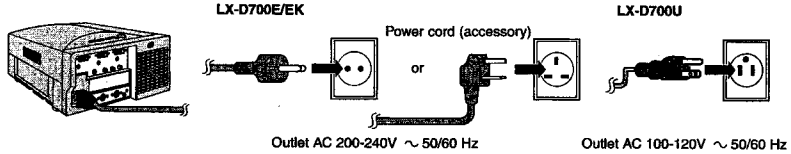
Turning direction

English

LX-D700U/E/EK
(No.PA009) 10

Connection of Power Cord

Plug in the projector power cord after the connection of components is completed. Connection of the power cord powers the unit instantly with an operation indicator lighting up in orange. Connection of the power cord is recommended after the completion of connection and installation of components to this unit.



① Insert the concave side of the power cord into the power cord connecting socket of the main unit.
② Insert the plug of the power cord into the outlet.
Use the power conversion plug matching the outlet shape.

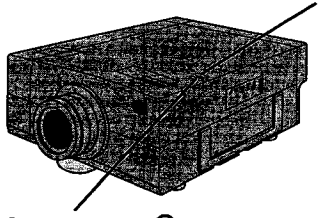
⚠WARNING

Observe the following. Otherwise, fire, electric shock, and injury can result.
- The unit enters into a powered state when the power cord is connected. When components are not used, unplug the power cords of the components from the outlets.
- Do not make connection with a cable other than the accessory cable.
- Do not apply a power supply voltage other than the specified voltage.
- Do not damage, break, and modify the power cable. The power cable can also be broken if you put a heavy object on it, or heat it, or tug at it.
- Do not engage in plugging and unplugging with wet hands.

⚠CAUTION

If the indicators make following indications, take necessary measures on each of them. Leaving them unheeded can result in mechanical failure and fire.

Warning Indication by Indicators



Lamp Indicator

Alternate Blinking of Orange and Red
Service life of a lamp is nearing the end. You must either make preparations for a new lamp or replace it with a new lamp. This indicator blinks for 5 minutes every time the power is turned on. Furthermore, this indication takes place when the lamp nears the end of its service life during projection. This warning is displayed on-screen as [LAMP REPLACE] for about 30 seconds.

Light-up of Red
Expiration of the lamp's service life has come. At the same time, you cannot turn on the power. Replace it with a new lamp.

Blinking of Red
Lamp or the power supply for the lamp is abnormal. Check out the installed lamp again. Unplug the power cord from the outlet if the symptom persists, and contact the store where you bought the unit or contact the nearest JVC Service Center.

Operation Indicator

Blinking of Orange or Light-up of Red
The inside of the unit reached abnormally high temperature. It is probable that the air filter of the cooling fan is soiled or the air outlet of the cooling fan is blocked. Clean up the air filter or remove the obstacle that blocks the air outlet. Note also that the working temperature range of this unit is between 42°F/5°C and 104°F/40°C. Check the ambient temperature and make adjustment so that the ambient temperature comes within this temperature range. Unplug the power cord from the outlet immediately if the symptom persists, and contact the store where you bought the unit or the nearest JVC Service Center.

Blinking of Red
Unplug the power cord from the outlet immediately and contact the store where you bought the unit or the nearest JVC Service Center.

Light-ON and Light-OFF of Illumination Lamp

Be sure to remove the lens cap before lighting the illumination lamp.

⚠CAUTION

Do not unplug the power cord from the outlet all of a sudden during the use of the projector with the lamp turned on. Such action can result in mechanical failure and shorter service life of the lamp. Do not unplug the power cord from the outlet abruptly even during warming-up for light-on and during cooling after light-off. Doing so can result in mechanical failure or accelerate the deterioration speed of the lamp, resulting in abnormality before reaching the end of its service life.

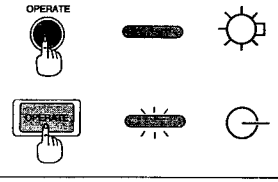
⚠CAUTION

Do not look into the projection lens while the lamp is turned on and do not look into the inside of this unit through vents, etc. Do not open the cabinet and look directly at the light from the illumination lamp. Strong light containing ultraviolet rays can result in impaired eyesight.

To Turn On the Lamp

① Press OPERATE button

Press the OPERATE button on the main unit or the OPERATE button on the remote control unit.
Operation indicator lights up in green.
Lamp indicator blinks in green.
It takes about 2 minutes until the lamp is completely lit.

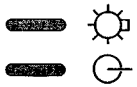


⚠ Do not unplug the power cord from the outlet.

⚠ It is not advisable to press the OPERATE button during warming-up. It shortens the service life of the lamp.

② The Lamp Lights

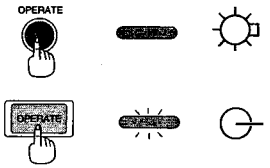
Operation and lamp indicators both light up in green.
Lamp remains lit.



To Turn Off Lamp

① Press OPERATE button

Press the OPERATE button on the main unit or the OPERATE button on the remote control unit.
Operation indicator lights up in orange.
Lamp indicator blinks in orange.
It takes some time until the lamp is turned off and the cooling of the lamp is completed. This lamp-off time depends on use conditions.

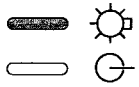


⚠ Do not unplug the power cord from the outlet.

⚠ It is not advisable to press the OPERATE button during the lamp-off time. There is a possibility for fear to shorten the service life of the lamp.

② Lamp Goes Off

Operation indicator lights up in orange.
Lamp indicator remains off.

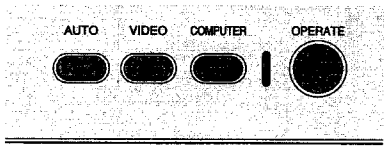


Meaning of Indicators

Operation	Lamp	Meaning
Orange lights up	Off	Sleep mode state
Green blinking	Green lights up	Lamp in warming-up state
Green lights up	Green lights up	Lamp in lit state
Orange lights up	Orange blinking	Lamp in cooling state

Main Unit and Remote Control Unit

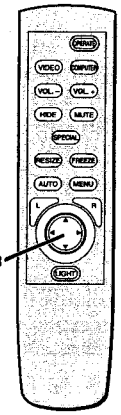
Buttons Provided On Main Unit



OPERATE
This turns on and off the lamp.
VIDEO
This switches the picture to VIDEO input.
COMPUTER
This switches the picture to COMPUTER.
Furthermore, this switches between COMPUTER1 and 2.

AUTO
This makes automatic screen adjustment during the COMPUTER input. The contents of adjustment are the phase, tracking, horizontal position, and vertical position. These can be individually adjusted through the on-screen menu. Sometimes, phase tracking cannot make perfect adjustment. Adjust it to your desired position through the screen menu. In addition, if [BRIGHTNESS] is increased, sometimes this [AUTO] does not function accurately. Return the [BRIGHTNESS] to its initial value by resetting through the on-screen menu and then start with [AUTO].

Buttons Provided On Remote Control Unit



After switching the picture, there are instances sometimes when the picture before switching remains on the screen. If so, press the [AUTO] button on the main unit or the remote control unit, or move the picture of [DISPLAY POSITION] on the screen menu up and down and left and right, and clear the remaining picture away.

OPERATE
This turns the lamp on and off.
VIDEO
This switches the picture to the VIDEO input.
COMPUTER
This switches the picture to COMPUTER. This also switches between COMPUTER1 and 2.
AUTO
This makes automatic screen adjustment during the COMPUTER input. Contents of adjustment are the synchronization, tracking, horizontal position, and vertical position. These can be individually adjusted through the on-screen menu.
MENU
This turns on and off the on-screen menu display.
RESIZE
This switches between the resizing screen and the window screen.
FREEZE
This freezes the screen.
SPECIAL
This displays the SPECIAL modes set on the on-screen menu.
Zoom mode: This enables the partial enlargement of the screen.
Preview mode: This allows the simultaneous display and selection of all input screens.
Strobe mode: Strobe is displayed.
HIDE
This performs the video mute of the screen. It is feasible to set the screen during the mute with either a pattern display or a black screen through the on-screen menu. If this button is pressed again, the picture can be projected.
MUTE
This mutes audio. Press this button again to bring the audio back.
VOL. (+, –)
This adjusts the volume of the internal speaker system.
POINTER
This is used for the operation of the on-screen menu. When the remote control unit is used as a mouse, it can move the mouse pointer on the computer.
L.(LEFT) BUTTON
This can be used as a left button of the mouse.
This is used for the operation of the on-screen menu.
R.(RIGHT) BUTTON
This can be used as a right button of the mouse.
This is used for the operation of the on-screen menu.
LIGHT BUTTON
When operating the remote control unit in a dark place, press this button. Then, the buttons on the keypad are kept illuminated for about 5 seconds.

System of ON-Screen Menu

MENU

- **COMPUTER** This adjusts the picture of the computer. This is not displayed during video input.
  - **BRIGHTNESS** Adjusts brightness.
  - **CONTRAST** Adjusts contrast.
  - **PHASE** This makes adjustment when the screen flickers or gets blurred.
  - **TRACK** This makes adjustment when wide, vertical stripes appear on the screen.
  - **W. BALANCE** This makes color adjustment. Adjustment can be made to your desired color.
    - **RED** This adjusts the intensity of red.
    - **GREEN** Adjusts the intensity of green.
    - **BLUE** Adjusts the intensity of blue.

    When using the remote control as a mouse, set to MOUSE/COM1,2. When set to automatic switching, the mouse of the computer displayed on the screen can be operated with the remote control.
  - **POSITION** This moves the picture position up and down and left and right.
  - **MOUSE** This makes selection of mouse 1, 2.
  - **RESET** This returns the setting of the computer menu to initial values.
  - **RETURN** Returns you to the MAIN menu.
- **VIDEO** This adjusts the picture of the video. This is not displayed during the COMPUTER input.
  - **BRIGHTNESS** Adjusts brightness.
  - **CONTRAST** Adjusts contrast.
  - **SATURATION** Adjusts the depth of color.
  - **TINT** Adjusts tint.
  - **MODE** This switches among AUTO (Automatic discrimination), NTSC, PAL, and SECAM.
  - **RESET** This returns the setting of the VIDEO menu to initial values.
  - **RETURN** Returns you to the MAIN menu.
- **AUDIO** Adjusts audio.
  - **TONE** Adjusts tone quality.
  - **RETURN** Returns you to the MAIN menu.
- **OPTIONS** This is selected when optional function is used.
  - **PROMPT** Selection is made whether or not to display the title of the picture being projected at the time of input switching.
  - **COLOR TEMP.** Adjusts the color tone of the picture.
    - **H** Color tone with emphasis on blue.
    - **M** Color tone between those of H and L.
    - **L** Color tone with emphasis on red.
    - **C** Enables the setting of the picture's color tone.
      - **MANUAL RED** Adjusts the intensity of red.
      - **MANUAL BLUE** Adjusts the intensity of blue.
  - **REAR PROJ.** Reverses the picture left and right to cope with a rear-projection system.
  - **INVERT** Inverts the picture upside down to cope with hanging-from-ceiling projection.

    Left-and-right reversion and up-and-down inversion of the picture return the menu display to English in case other languages than Japanese and English are displayed.
  - **HIDE** This sets the color of the screen when the screen picture is temporarily muted.
  - **VIEW CHANGE** Sets a method to change the screens.
  - **LANGUAGE** Sets the display language of the menu.
  - **LAMP** Displays cumulative time spent for the lamp.
  - **RETURN** Returns you to the MAIN menu.
- **SPECIAL** Selects SPECIAL modes.
  - **ZOOM** Enables the partial enlargement of the screen.
  - **PREVIEW** Allows simultaneous display of input screens.
  - **STROBE** *Strobe is displayed.*
  - **RETURN** Returns you to the MAIN menu.
- **RESET ALL** Returns all settings to initial values.

English

(No.PA009) 12

Symbols for Common Operations in this Manual

Selection of the items and set values is made by moving the pointer of the remote control unit up and down.

This selects the items and sets values by moving the pointer of the remote control unit left and right.

This selects the items and sets values by moving the right pointer of the remote control unit.

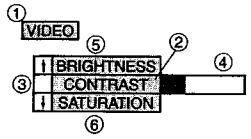
Left button of the remote control unit is pressed once.

Right button of the remote control unit is pressed once.

Left or right button of the remote control unit is pressed. There is a case when the display on the screen points at the left button.

On-Screen Menu Display

① Name of the currently selected menu is displayed.
② Selected item is displayed. Background of the letter is yellow.
③ Operation method to change the set values is shown through a simplified illustration.
④ Set values are displayed both in graphs and texts.
⑤⑥ These are the items for neighbors on both sides that are not selected.



Operation of On-screen Menu and Notes

When the MENU button of the remote control unit is pressed, the [MENU] appears. If you press it again, the [MENU] disappears.

Menu
- COMPUTER → to page 25
- VIDEO → to page 26
  Display changes according to the selected VIDEO input.
- AUDIO → to page 26
- OPTION → to page 27
- SPECIAL → to page 28
- RESET ALL
  - RESET EXECUTE?
    - [Yes] All contents set by [MENU] are returned to initial settings.
    - [No]
  - RETURN Returns you to [MENU].

[COMPUTER] Menu

This is Not Displayed During Video Input Selection

- BRIGHTNESS Prolonged blue bar increases brightness.
- CONTRAST Prolonged blue bar increases contrast.
- PHASE Make adjustment if the screen flickers or gets blurred.
  Note: Blur on the screen is attributed to the improper adjustment of focus, brightness, and contrast. However, it is sometimes impossible to make proper adjustment.
- TRACK Achieve optimum conditions through adjustment when vertical stripes appear on the screen.
  Note: Sometimes, the vertical stripes cannot be removed completely.
- W. BALANCE [WHITE BALANCE] menu is displayed.
  - RED Prolonged red increases brightness.
  - GREEN Prolonged green increases brightness.
  - BLUE Prolonged blue increases brightness.
  - Returns you to the [COMPUTER] menu.
- POSITION The [POSITION] menu is displayed.
  - Vertical position is adjusted.
  - Horizontal position is adjusted.
  - Returns you to the [COMPUTER] menu.
- MOUSE The [MOUSE] menu is displayed.
  - 1 Fix the mouse terminal to 1.
  - 2 Fix the mouse terminal to 2.
  - 1→2 Mouse terminal is automatically switched adjusting to COMPUTER 1, 2 input screens.
- RESET
  - RESET EXECUTE?
    - [Yes] Contents set by the [COMPUTER] menu are all returned to initial settings.
    - [No]
  - RETURN Returns you to the [COMPUTER] menu.
- RETURN Returns you to [MENU].

[VIDEO] Menu

This is not displayed during computer input selection.

- BRIGGTNESS ⟷ Prolonged blue bar increases brightness.
- CONTRAST ⟷ Prolonged blue bar increases contrast.
- SATURATION ⟷ Prolonged blue bar increases contrast.
- TINT ⟷ When the blue bar is prolonged, red is enhanced. When it is shortened, green is enhanced. This item is not displayed if the video input signal is PAL/SECAM, or when PAL/SECAM is selected in the item of [Signal Method].
- MODE ⟷ A wrong signal format results in an erroneous display.
  - AUTO: Signal process of this unit is adjusted to input broadcast automatically.
  - NTSC: Signal process of this unit is fixed to NTSC broadcast.
  - PAL: Signal process of this unit is fixed to PAL broadcast.
  - SECAM: Signal process of this unit is fixed to SECAM broadcast.
- RESET L or R
  - RESET EXECUTE?
    - [Yes] L or R All the contents set through [VIDEO] are returned to initial settings.
    - [No] L or R
  - RETURN L or R Returns you to [VIDEO].
- RETURN L or R Returns you to [MENU].

[AUDIO] Menu

- TONE ⟷ Adjusts tone quality.
- RETURN L or R Returns you to [MENU].

[OPTION] Menu

- PROMPT → This is used to decide whether an input terminal name is displayed on the upper right of the screen at the time when the input video is switched.
  [ON]: Input terminal name is displayed.
  [OFF]: Input terminal name is not displayed.
- COLOR TEMP. → After it is displayed in a box, the screen changes in a while.
  - H Turns to color tone with emphasis on blue.
  - M Turns to color tone between H and L.
  - L Turns to color tone with emphasis on red.
  - C L or R
    - MANUAL RED ⟷ If the red bar is longer, red is more emphasized.
    - MANUAL BLUE ⟷ If the blue bar is longer, blue is more emphasized.
    - L or R Returns you to the [COLOR TEMP.] menu.
- REAR PROJ. → After it is displayed in a box, the screen changes in a while.
  ON: Left and right of the screen reverses, permitting projection from the rear.
  OFF: Left and right of the screen reverses, permitting projection from the front.
- INVERT → After it is displayed in a box, the screen changes in a while.
  ON: Top and bottom of the screen inverts, permitting hanging-from- celling projection.
  OFF: Top and bottom of the screen inverts, permitting stationary projection.
- HIDE → Black: Screen turns black during muted picture projection.
  Pattern: Pattern is displayed during muted picture projection.
- VIEW CHANGE → It is possible to select the effects of screen change.
  - OFF The effects of screen change can be released.
  - A screen before change slides out to the lower right, and thereafter a changed screen slides in from the upper left.
  - A screen before change slides out to the right, and thereafter a changed screen slides in from the left.
  - A screen before change slides out to the center, and thereafter a changed screen slides in from the center.
- LANGUAGE → It is feasible to select the on-screen display language.
  After selection, the display changes to a selected language in a few seconds.
  - 日 : Japanese
  - EN: English
  - F : French
  - G : German
  - I : Italian
  - ES: Spanish
  - P : Portuguese
- LAMP The cumulative time of the lamp is displayed.
- RETURN L or R Returns you to [MENU].

Left-and-right reversion and up-and-down inversion of the picture return the menu display to English in case other languages than Japanese and English are displayed.

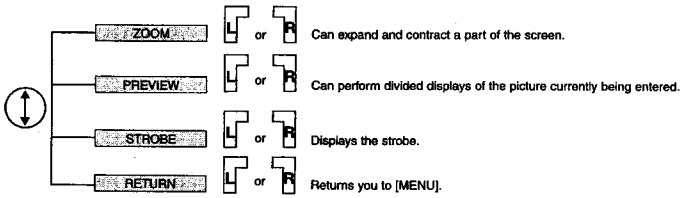
English

(No. A0009) 14

Setting Method Through ON-Screen

[SPECIAL] Menu

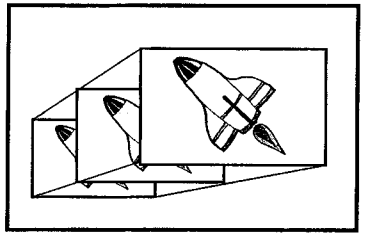
Mode allocation is made to the SPECIAL button of the remote control unit. Pressing the SPECIAL button executes a selected mode. Select any one of the 3 modes moving the pointer up and down, and make decision with the left or right button. In the item of the set mode, the display of [PRESENT SET] appears.



Have Fun With Special Modes

Modes can be executed by pressing the SPECIAL button on the key pad of the remote control unit. Press the SPECIAL button again to return to the normal screen.

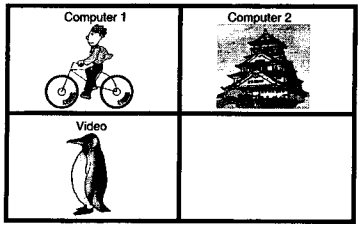
Zoom Mode



It is possible to enlarge a part of the screen to maximum 4 times in 12 steps.

L. (Left) button: Enlarge
R. (Right) button: Reduce
Pointer: Screen can be moved in 8 directions with the pointer.

Preview Mode

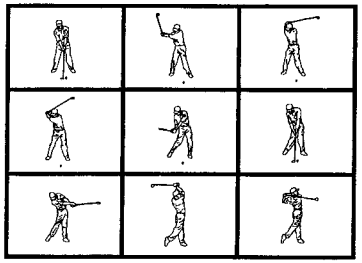


It is feasible to divide and display the state of COMPUTER1, 2•VIDEO input. It takes some time until the divided screens appear.

R. (Right) button:
Letters of picture selected on the input screen blink.

L. (Left) button:
Decision on the input screen.

Strobe Mode



A child screen (animation) is displayed on the upper left.

L. (Left) button:
This executes the strobe and resets the strobe screen. When the strobe is executed, the strobe screen (still picture) is kept displayed from the upper left laterally down to the lower right. After it is finished, another click resets the strobe mode and the child screen (animation) is displayed on the upper left.

R. (Right) button:
This displays the [STROBE] menu. Items can be selected by moving the pointer up and down. It is also possible to execute the strobe mode while keeping the menu displayed.
Number of frames: Desired number of frames is selected out of [4, 9, 16] by moving the pointer to the left and right. Hide of the selected value turns blue.
TIME Interval : Value changes as [100, 200, 300, 400, 500, 600, 700, 800, 900,1000 msec] by moving the pointer to the left and right.

Replacing Illumination Lamp

An illumination lamp has its service life. Service life of the illumination lamp is approximately 2,000 hours.

Deterioration advances abruptly when it exceeds its service life. If the use of the illumination lamp exceeds 1,900 hours, the lamp indicator on the main unit begins to blink in orange and red. In addition, the display of [LAMP REPLACE] appears on the screen for 30 seconds, and the display of [LAMP] of the on-screen menu changes to red every time the illumination lamp is lit up. You must either replace it with a new illumination lamp or prepare for the replacement of the illumination lamp. When it reaches 2,000 hours, the lamp indicator on the main unit lights up in red, and even if the OPERATE button is pressed (OPERATE button in case of the remote control unit), the illumination lamp does not light up. Although the replacement period of the illumination lamp is about 2,000 hours, the period can change, depending on use conditions. Even when tint and brightness are adjusted through the remote control unit, if the picture is dark and the tint is abnormal, replace the illumination lamp a little earlier than usual. If you wish to buy the illumination lamp (BHNEELPLP04), consult with the store where you bought the unit or JVC Service Center.

⚠CAUTION

⚠ When this unit is installed at a place where operation is difficult, the replacement of the illumination lamp at the place can result in injury. Relocate the main unit to another place where there is a sufficiently wide space to replace the illumination lamp.

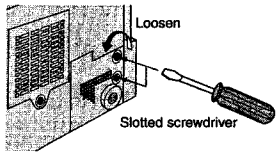
⚠ Use a genuine product for the illumination lamp. Otherwise, troubles can occur. Furthermore, never reuse a used illumination lamp. Use of the used illumination lamp can result in remarkably reduced performance and in mechanical failure due to an explosion. Shattered or scattered fragments can also result in injury during the replacement of the illumination lamp.

1. Turn off power.

After the operation indicator lights up in orange, unplug the power cord from the outlet as well as the main unit. Cool the main unit down for more than 1 hour.

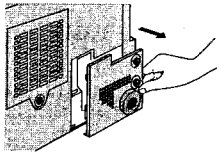
⚠WARNING

Be sure to turn off the main switch and unplug the power cord from the outlet before replacing the illumination lamp. Work with the power cord plugged can result in injury and electric shock.



2. Unscrew and detach the cover of the replacement aperture

Two screws can be loosened with a slotted screwdriver, etc.

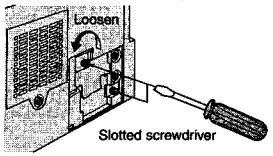


3. Unscrew and remove the lamp unit

Two screws can be loosened with a slotted screwdriver, etc.

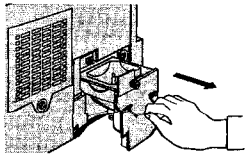
4. Install the lamp unit and tighten screws

Two screws can be tightened with a slotted screwdriver, etc.



5. Attach the cover of the lamp replacement aperture and tighten the screws

Two screws can be tightened with a slotted screwdriver, etc.



⚠CAUTION

A safety switch works and disables operation unless the cover of the lamp replacement aperture and the lamp unit are completely closed.

Replacing Air Filter

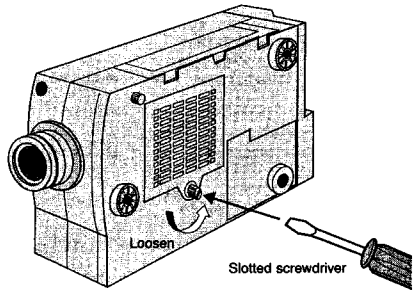
The filter (BHD0056) must be replaced on a periodic basis. When dust particles enter into the inside and their shadows appear on the screen, you cannot enjoy a picture. Under such circumstances, consult with the store where you bought the unit or the nearest JVC Service Center.

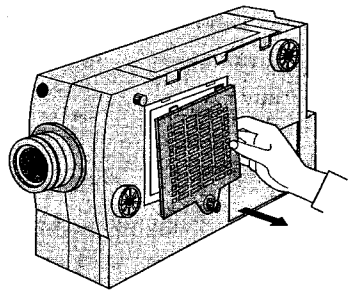
1. Turn off power

After the operation indicator lights up in orange, unplug the power cord from the main unit as well as the outlet.

2. Remove air filter

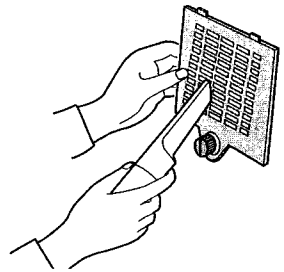
A screw can be loosened with a slotted screwdriver.

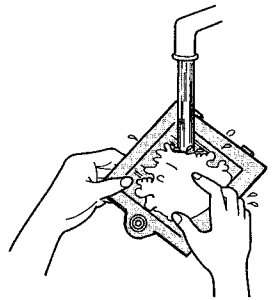




3. Clean up air filter

Clean up dust with a vacuum cleaner. Wash the air filter with detergent diluted in water if it is extremely soiled, and dry it in the shade.





4. Install the air filter

A screw can be fastened with a slotted screwdriver, etc.

⚠CAUTION

Wear rubber gloves when using detergent.

When sucking dust into a vacuum cleaner, do so from the obverse (outside this unit). If dust is sucked in from the reverse, sometimes the filter can come off due to the suction power of the air cleaner.

English

LX-D700U/E/EK

Troubleshooting

Self-diagnosis by Indicators

(Refer to [Warning Display by Indicators] in P.20.)

Operation Indicator
Orange blinking: Operation in high temperature Red blinking: Internal abnormality Red lighting: Stop because of high temperature and abnormality

Lamp Indicator
Alternate blinking in orange and red: Nearing the end of lamp's service life, requiring lamp replacement Blinking in orange: Projector is being cooled Red lighting: End of lamp's service life, requiring lamp replacement Red blinking: Abnormality of the lamp or the power supply for the lamp.

	SYMPTOM	CAUSE	REMEDY	page
POWER SUPPLY	Power cannot be turned on.	• Power cord is disconnected.	• Plug the power cord firmly.	20
		• Main switch is off.	• Turn main switch on.	21
		• Cover for lamp replacement aperture is not completely closed.	• Close cover properly.	30
		• Filter is not properly installed.	• Install filter properly.	31
		• Expiration of lamp's service life.	• Replace lamp.	30
	No light comes out.	• Lens cap is not removed.	• Remove lens cap.	21
	Functions when power is on but stops several minutes.	• Air inlet and hot air outlet are blocked.	• Remove obstacles.	8, 9
PROJECTOR	No picture comes out.	• AV cable is not properly plugged into VIDEO input terminal	• Carry out proper plugging.	15 ~ 17
		• VIDEO, COMPUTER1, 2 are not properly selected.	• Adjust to COMPUTER when connected to computer and adjust to VIDEO when AV unit is connected.	22
		• Brightness is not properly set.	• Make adjustment with brightness of ON-SCREEN menu.	25, 26
	Picture blurs.	• Out of focus	• Make accurate adjustment with lens focusing ring (front).	18, 19
		• Projector is too close to or too far away from screen.	• Set projector at right distance.	18, 19
	Picture is messed up.	• Mode is improperly selected.	• Adjust the mode.	26
		• Input frequency of picture is not adjusted.	• Check output frequency of COMPUTER and enter corresponding signals.	12
REMOTE CONTROL UNIT	Remote control does not function.	• Batteries are not properly loaded.	• Load batteries properly as indicated by + and – labels.	10
		• Batteries are weak.	• Replace with new batteries.	10
		• Path between remote control unit and remote control signal receiver is blocked.	• Remove blocking obstacles from path.	11
		• Distance is too far from projector.	• Move closer to projector for better transmission.	11

This unit employs a microcomputer. There are occasions when this unit does not operate normally due to noise from the outside. Under such circumstances, turn the power off, and unplug the power cord from the outlet. Then, plug the power cord in again, and find out how it functions.

Specifications

● Optical System

- **Projection system:** 3-color liquid crystal shutter
- **LCD panel:** Size: 1.3 inch (diagonal)
  Number of pixels: 1440000
  (800 (H) × 600 (V) × 3 LCDs)
  Number of effective pixels: More than 99.998%
  (Pixels with constant light-up of less than 0.002% LCD pixel defect can occur.)
- **Projection lens:** 1.3× manual zoom
  f=45 mm ~ 59 mm
  F=2.5 ~ 2.9
- **Screen size:** 23 inches ~ 300 inches
  (Diagonal length 51 mm ~ 762 mm)
  Aspect ratio 4:3
- **Illumination lamp:** UHE lamp (illuminated with 150W DC)

● Electrical System

- **COMPUTER1/COMPUTER2 (COMPUTER system)**
  Input Output
  DOS/V or IBM PC/AT compatible machine

Video input signal
Signal format Analog RGB
Video signal R:0.7Vp-p/75 Ω
G:0.7Vp-p/75 Ω
B:0.7Vp-p/75 Ω

Vertical frequency EGA,VGA,VESA:72/75/85
SVGA:56/60/72/75/85
XGA:60/70/75/85
MAC: 13" /16" /19"

Sync. signal Separate/composite/sync-on-green automatic switching
TTL level (positive/negative)

Video input terminal COMPUTER1 D-sub 15Pin
(HD- 15 core).....1
COMPUTER2 D-sub 15Pin
(HD- 15 core).....1

Video output signal Signal format
Analog RGB

Video signal R:0.7Vp-p/75 Ω
G:0.7Vp-p/75 Ω
B:0.7Vp-p/75 Ω

Sync. signal Separate/composite
TTL level (positive/negative)

Video output terminal
D-sub 15Pin
(HD- 15 core).....1
(Common terminal is used for COMPUTER1 and COMPUTER2)

Audio input signal 500mVrms/47K Ω

Audio input terminal AUDIO-1
3.5 mm diameter stereo mini jack (1)
AUDIO-2
3.5 mm diameter stereo mini jack (1)

- **S-Video input**
  input signal Luminance 0.714Vp-p
  Chrominance 0.284Vp-p

Input terminal S terminal (mini DIN 4Pin)

Audio input signal 500mVrms/47K Ω
for common use with Audio L (monaural)/R

Audio input terminal Audio L (monaural)
RCA jack (white).....1
Audio R
RCA jack (red).....1

English

Specifications

- **Composite Video input**

Input signal	RCA jack (yellow) 1
Input terminal	1.0Vp-p
Audio input signal	Terminal is for common use with S-Video

- **Audio output**

	(COMPUTER1/2 for common use with S-Video/composite)
Output signal	0 ~ 500 mVrms
Load impedance	600 Ω
Output terminal	3.5 mm diameter stereo mini jack

● SPEAKER
Output: 2W × 2 (stereo-compatible)

● REMOTE CONTROL TERMINAL
This is used for connection with an external signal receiver of the remote control unit.
The external signal receiver is not available as a merchandise. Consult with Victor Service Office.

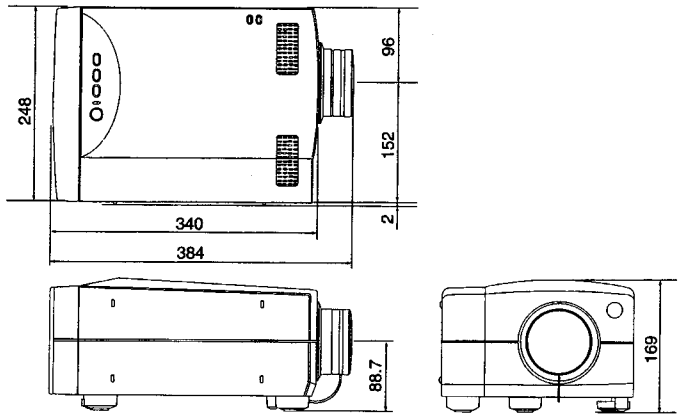
● MOUSE OUTPUT
This is connected to the personal computer using the accessory cable for exclusive use.

● OTHERS
- Power supply:
  AC 100-120V ~ 50/60 Hz (LX-D700U)
  AC 200-240V ~ 50/60 Hz (LX-D700E/EK)
- Power consumption: 240W
- Mass: 6.7 kg
- Allowable operating temperature and humidity: From 5°C to 40°C (20% ~ 80%) with no condensation.
- Allowable storage temperature and humidity: From −10°C to 60°C (10% ~ 90%) with no condensation.

● REMOTE CONTROL UNIT
- Power supply: DC 3V (AA/R6/UM-3 batteries × 2 pieces)
- Mass: 130 g (including batteries)
- External dimensions: 49 mm(W) × 207 mm(D) × 22 mm(H)

External Dimensions

(Unit: mm)



Note:
The specification and appearance for this machine are subject to improvement without prior notice.

Concerning trademarks:
IBM and DOS/V are the trademarks or registered trademarks of the International Business Machines Corporation.
Macintosh and Power Book are registered trademarks of Apple Computer Inc.

(No. P0009) 18